

Fig No. V-L55B Full Bore
1/2" ~ 2" DN15 ~ 50

Features :

Three piece body design
Forged body, Blow-out-proof Stem
For Industrial, chemical application
Carbon Steel & Super Alloy upon request

Standard Compliance :

Body wall thickness : EN 12516-1/3
Butt weld : B 16.25
Face to Face : MFG standard
Body Material : ASTM A105N
Pressure Testing : EN12266

Specification

End Connection : Butt weld end
Working Pressure : 420 Bar (RT)
Temperature : -20 ~ 180⁰ C

MATERIALS LIST

NO.	PART NAME	MATERIAL
1	BODY	ASTM A105
4	BALL	ASTM A182 Gr.F316 -CHROMEPLATED
5	STEM	ASTM A693 TYPE 630(17-4PH)
9	END CAP	ASTM A105
11	BODY SEAL	GRAPHITE
12	SEAT	PEEK
13	THRUST WASHER	GRAPHITE
14	STEM PACKING	GRAPHITE
15	GLAND	SS316
19	HANDLE	ASTM A216 Gr.WCB+GALVANIZATION
24	HANDLE NUT	ASTM A194 Gr.8
26	SPRING	COLD WORKED 316
29	BELLEVILLE WASHER	SS316
31	O-RING	VITON
42	GLAND BOLT	ASTM A193 Gr.B8
47	GLAND FLANGE	SS304

DIMENSIONS

unit:mm

SIZE	PORT	L	E	H	BW	A	B	t	
DN15	1/2"	12.7	140.0	165.0	44.0	36.0	21.0	6.0	7.5
DN20	3/4"	19.0	152.0	205.0	52.0	42.0	27.0	11.0	7.8
DN25	1"	25.4	165.0	205.0	63.0	52.0	33.0	15.0	9.1
DN32	1-1/4"	32.0	178.0	255.0	90.0	62.0	42.0	23.0	9.7
DN40	1-1/2"	38.0	190.0	255.0	90.0	68.0	48.0	28.0	10.2
DN50	2"	50.8	216.0	315.0	125.0	82.0	60.0	38.0	11.1

